MigrateFromJspToFacelets

For Tips to use specific Component Libraries see

- [Use_Facelets_with_Tomahawk](#)
- [Facelets_with_Trinidad](#)

Converting from JSP to facelets

1. Backup everything
2. Download and Install facelets
   https://facelets.dev.java.net
3. For each .jsp file:
   a. rename file xxx.jsp to xxx.xhtml
   b. insert the xhtml doctype tag at the very top

   ```
       <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD
   /xhtml1-transitional.dtd">
   ```

   c. add namespaces to the root level xml element

   ```
           <f:view>
   ```

   becomes

   ```
           <f:view
               xmlns="http://www.w3.org/1999/xhtml"
               xmlns:ui="http://java.sun.com/jsf/facelets">
   ```

   or

   ```
           <html>
   ```

   becomes

   ```
           <html
               xmlns="http://www.w3.org/1999/xhtml"
               xmlns:ui="http://java.sun.com/jsf/facelets">
   ```

   d. remove jsp directives, change

   ```
           <%@ taglib uri="http://java.sun.com/jsf/html" prefix="h"%>
           <%@ taglib uri="http://java.sun.com/jsf/core" prefix="f"%>
   ```

   to

   ```
           xmlns:h="http://java.sun.com/jsf/html"
           xmlns:f="http://java.sun.com/jsf/core"
   ```

   after the other xmlns: attributes in 3.c. above
   e. add the xmlns: of any other jsf libs (tomahawk, tobago, htmlib, ...) to the end, after C.d above
   f. for each jsf lib you add, you must put the corresponding taglib.xml file under .../WEB-INF/
   g. convert other jsp tags, e.g.

```
<% /* my comment */ %>
```

becomes

```
<!-- my comment -->
```

Note that you will probably want to use the following instead of <!-- my comment --> as standard html comments are stripped by default and treated as literal text block components if re-enabled.

```
<ui:remove>my comment</ui:remove>
```

h. change all xml entities to numerical form, e.g.

```
 
```

becomes

```
 
```

i. change xml special characters in javascript and el expressions, *&* becomes &, < becomes <
j. if you have any other conversion steps, please add them here.

This should get you to the point where your application works as facelets. From there, you can start using the facelets features.